

STATE OF SOUTH CAROLINA

(Caption of Case)

Monthly Fuel Cost Report and Base Load Power
Plant Performance ReportBEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA

COVER SHEET

DOCKET

NUMBER: 1989 - 9 - E

(Please type or print)

Submitted by: Catherine E. HeigelSC Bar Number: 9268Address: Duke Energy CorporationTelephone: 704.382.8123PO Box 1006/ EC03TFax: 704.382.4494Charlotte, NC 28201-1006

Other: _____

Email: Catherine.Heigel@duke-energy.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)
☐ Emergency Relief demanded in petition
 ☐ Request for item to be placed on Commission's Agenda expeditiously
☒ Other: _____**INDUSTRY (Check one)****NATURE OF ACTION (Check all that apply)**

- | | | | |
|--|--|--|---|
| <input checked="" type="checkbox"/> Electric | <input type="checkbox"/> Affidavit | <input type="checkbox"/> Letter | <input type="checkbox"/> Request |
| <input type="checkbox"/> Electric/Gas | <input type="checkbox"/> Agreement | <input type="checkbox"/> Memorandum | <input type="checkbox"/> Request for Certificatio |
| <input type="checkbox"/> Electric/Telecommunications | <input type="checkbox"/> Answer | <input type="checkbox"/> Motion | <input type="checkbox"/> Request for Investigator |
| <input type="checkbox"/> Electric/Water | <input type="checkbox"/> Appellate Review | <input type="checkbox"/> Objection | <input type="checkbox"/> Resale Agreement |
| <input type="checkbox"/> Electric/Water/Telecom. | <input type="checkbox"/> Application | <input type="checkbox"/> Petition | <input type="checkbox"/> Resale Amendment |
| <input type="checkbox"/> Electric/Water/Sewer | <input type="checkbox"/> Brief | <input type="checkbox"/> Petition for Reconsideration | <input type="checkbox"/> Reservation Letter |
| <input type="checkbox"/> Gas | <input type="checkbox"/> Certificate | <input type="checkbox"/> Petition for Rulemaking | <input type="checkbox"/> Response |
| <input type="checkbox"/> Railroad | <input type="checkbox"/> Comments | <input type="checkbox"/> Petition for Rule to Show Cause | <input type="checkbox"/> Response to Discovery |
| <input type="checkbox"/> Sewer | <input type="checkbox"/> Complaint | <input type="checkbox"/> Petition to Intervene | <input type="checkbox"/> Return to Petition |
| <input type="checkbox"/> Telecommunications | <input type="checkbox"/> Consent Order | <input type="checkbox"/> Petition to Intervene Out of Time | <input type="checkbox"/> Stipulation |
| <input type="checkbox"/> Transportation | <input type="checkbox"/> Discovery | <input type="checkbox"/> Prefiled Testimony | <input type="checkbox"/> Subpoena |
| <input type="checkbox"/> Water | <input type="checkbox"/> Exhibit | <input type="checkbox"/> Promotion | <input type="checkbox"/> Tariff |
| <input type="checkbox"/> Water/Sewer | <input type="checkbox"/> Expedited Consideration | <input type="checkbox"/> Proposed Order | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Administrative Matter | <input type="checkbox"/> Interconnection Agreement | <input type="checkbox"/> Protest | |
| <input type="checkbox"/> Other: | <input type="checkbox"/> Interconnection Amendment | <input type="checkbox"/> Publisher's Affidavit | |
| | <input type="checkbox"/> Late-Filed Exhibit | <input checked="" type="checkbox"/> Report | |



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April 27, 2009

Mr. Phillip Riley
The Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

Re: Docket No. 1989-9-E

Dear Mr. Riley:

Pursuant to the Commission's Orders in the above-captioned docket, enclosed for filing are three copies each of the following for Duke Energy Carolinas, LLC ("the Company"):

1. Monthly Fuel Cost Report for the month of February 2009 (Exhibit A).
2. Base Load Power Plant Performance Report (Exhibit B).

If you have any questions regarding this matter, please call me.

Sincerely,


Catherine E. Heigel

/sch

Enclosures

Copy: Office of Regulatory Staff
Dan Arnett, Chief of Staff
John Flitter
Jeff Nelson

South Carolina Energy Users Committee
Scott Elliott, Esquire

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
SUMMARY OF MONTHLY FUEL REPORT

	<u>February 2009</u>
Fuel Expenses:	
1 Fuel and purchased power expenses included in fuel component	\$ 115,597,878
2 Less fuel expenses (in line 1) recovered through inter-system sales (a)	<u>5,017,318</u>
3 Total fuel expenses (line 1 minus line 2)	<u>\$ 110,580,560</u>
MWH sales:	
4 Total system sales.	6,956,097
5 Less inter-system sales	<u>105,663</u>
6 Total sales less inter-system sales	<u>6,850,434</u>
7 Total fuel expenses (\$/KWH) (line 3/line 6)	<u>1.6142</u>
8 Current fuel component (\$/KWH)	<u>2.2482</u>
Generation Mix (MWH):	
Fossil (by primary fuel type):	
9 Coal	2,717,329
10 Fuel Oil	(1,130)
11 Natural Gas	<u>7,229</u>
12 Total fossil	<u>2,723,428</u>
13 Nuclear (b)	<u>4,887,279</u>
Hydro:	
14 Conventional	64,146
15 Pumped storage	<u>(72,984)</u>
16 Total hydro	<u>(8,838)</u>
17 Total MWH generation	7,601,869
18 Less: Catawba joint owners' retained portion	<u>1,234,357</u>
19 Adjusted total MWH generation	<u>6,367,512</u>
(a) Line 2 includes:	
Fuel from Intersystem Sales (Schedule 3)	4,996,708
Fuel in Loss Compensation	<u>20,610</u>
Total fuel recovered from Intersystem Sales	<u>5,017,318</u>
(b) Includes 100% of Catawba generation.	

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
DETAILS OF FUEL AND PURCHASED POWER EXPENSES

	<u>February 2009</u>
Fuel expenses included in Base fuel Component:	
Steam Generation - FERC Account 501	
0501110 Coal Consumed - Steam	\$ 90,685,465
0501222 Test Fuel Consumed	-
0501310 Fuel Oil Consumed - Steam	381,729
0501330 Fuel Oil Light-Off - Steam	880,797
Total Steam Generation - Account 501	<u>91,947,990</u>
Environmental Costs	
0509000 Emission Allowance Expense	17,308
Reagents.	1,300,993
Emission Allowance Sales	(1,096,813)
Total Environmental Costs	<u>221,488</u>
Nuclear Generation - FERC Account 518	
0518100 Burnup of Owned Fuel	13,244,518
0518600 Nuclear Fuel Disposal Cost	3,394,826
Total Nuclear Generation - Account 518	<u>16,639,344</u>
Other Generation - FERC Account 547	
0547100 Natural Gas Consumed	408,217
0547200 Fuel Oil Consumed - CT	391,029
Total Other Generation - Account 547	<u>799,246</u>
Total fossil and nuclear fuel expenses included in Base Fuel Component	109,608,068
Fuel component of purchased and interchange power per Schedule 3, pages 1 and 2	<u>5,989,810</u>
Total fuel expenses included in Base Fuel Component	<u>\$ 115,597,878</u>

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
DETAILS OF FUEL AND PURCHASED POWER EXPENSES

February 2009

Other fuel expenses not included in Base
Fuel Component:

0518610 Spent Fuel Canisters-Accrual 182,827

0518620 Canister Design Expense 12,829

0518700 Fuel Cycle Study Costs 52,454

Non-fuel component of purchased and
interchanged power 8,120,505

Total other fuel expenses not included in
Base Fuel Component

\$ 8,368,614

Total FERC Account 501 - Total Steam Generation 91,947,990

Total Environmental Costs 221,488

Total FERC Account 518 - Total Nuclear Generation 16,887,453

Total FERC Account 547 - Other Generation 799,246

Total Purchased and Interchanged Power Expenses 14,110,315

Total Fuel and Purchased Power Expenses

\$ 123,966,492

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
FEBRUARY 2009

Schedule 3
SC, Purchases, Month
Page 1 of 3

Purchased Power		Capacity		Non-Capacity		
Marketers, Utilities, Other	Total \$	MW	\$	MWH	Fuel \$	Non-Fuel \$
American Electric Power Serv Corp.	32,500	-	-	550	21,952	10,548
Blue Ridge Electric Membership Corp.	2,150,758	86	1,083,538	42,164	651,005	416,215
Cargill Power Marketers LLC	53,520	-	-	1,784	32,647	20,873
City of Kings Mtn	8,979	3	8,979	-	-	-
ConocoPhillips Company	8,953	-	-	229	5,461	3,492
Constellation	16,370	-	-	595	9,986	6,384
Haywood Electric	421,433	20	202,224	7,176	133,716	85,493
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	(7,550)	-	-	-	196	(7,746)
Morgan Stanley Capital Group	35,040	-	-	960	21,374	13,666
NCEMC load following	8,053	-	-	805	3,844	4,209
NCMPA #1	1,400,420	-	-	37,834	667,531	732,889
Piedmont Electric Membership Corp.	1,054,650	42	545,226	20,682	310,748	198,676
PJM Interconnection LLC	3,107,532	-	-	95,236	1,901,444	1,206,088
Progress Energy Carolinas	52,000	-	-	2,050	31,467	20,533
Rutherford Electric Membership Corp.	160,144	-	-	6,593	97,688	62,456
Southern	(1,230)	-	-	(27)	(750)	(480)
SPCO - Rowan	1,350,984	456	1,359,984	(360)	(5,490)	(3,510)
The Energy Authority	235,640	-	-	6,262	143,741	91,899
Town of Dallas	584	-	584	-	-	-
Town of Forest City	21,024	7	21,024	-	-	-
Westar Energy, Inc.	15,000	-	-	300	9,150	5,850
Generation Imbalance	46,370	-	-	1,640	26,384	19,986
Energy Imbalance	191,299	-	-	5,024	116,693	74,606
	\$ 10,381,745	621	\$ 3,240,831	229,497	\$ 4,178,787	\$ 2,962,127

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
FEBRUARY 2009

Schedule 3
SC, Purchases, Month
Page 2 of 3

Purchased Power	Total	Capacity	Non-Capacity		
	\$	MW	\$	MWH	Fuel \$ Non-Fuel \$
Cogen, Purpa, Small Power Producers					
Advantage Investment Group, LLC	2,839	-	-	43	- 2,839
Alamance Hydro, LLC	6,243	-	-	90	- 6,243
Andrews Truss, Inc.	26	-	-	1	- 26
Anna L. Reilly	19	-	-	-	- 19
Aquenergy Corp.	45,178	-	-	711	- 45,178
Barbara Ann Evans	1,174	-	-	32	- 1,174
Byron P Matthews	9	-	-	-	- 9
Catawba County	44,525	-	-	1,258	- 44,525
Cherokee County	2,915,098	-	690,195	21,687	1,611,796 613,107
Cliffside Mills LLC	10,848	-	-	166	- 10,848
Converse Energy	11,518	-	-	194	- 11,518
Dale Earnhardt Inc.	318	-	-	6	- 318
Dave K Birkhead	9	-	-	-	- 9
David A Ringenburg	20	-	-	-	- 20
David E. Shi	9	-	-	-	- 9
David M Thomas	28	-	-	1	- 28
David Wiener	12	-	-	-	- 12
Decision Support	94	-	-	2	- 94
Delta Products Corp.	86	-	-	2	- 86
Diann M. Barbacci	5	-	-	-	- 5
Everett L. Williams	4	-	-	-	- 4
Fogleman Construction, Inc	12	-	-	-	- 12
Frances L. Thomson	26	-	-	1	- 26
Gerald W. Meisner	16	-	-	-	- 16
Greenville Gas Producer, LLC	121,552	-	-	2,102	121,552 -
Gwenyth T Reid	12	-	-	-	- 12
Haneline Power, LLC	4,919	-	-	75	- 4,919
Haw River Hydro Co	19,823	-	-	562	- 19,823
Hayden-Harman Foundation	6	-	-	-	- 6
Hendrik J Rodenburg	13	-	-	-	- 13
HMS Holdings Limited Partnership	480	-	-	9	- 480
Holzworth Holdings	8	-	-	-	- 8
Jafasa Farms	76	-	-	2	- 76
James B Sherman	6	-	-	-	- 6
Jerome Levit	5	-	-	-	- 5
Jody Fine	10	-	-	-	- 10
Joel L. Hager	22	-	-	1	- 22
John H. Diliberti	42	-	-	1	- 42
Linda Alexander	9	-	-	-	- 9
Mark A Powers	5	-	-	-	- 5
Matthew T. Ewers	9	-	-	-	- 9
Mayo Hydro	27,446	-	-	617	- 27,446
Mill Shoals Hydro	7,002	-	-	187	- 7,002
Northbrook Carolina Hydro	83,819	-	-	1,248	- 83,819
Optima Engineering	37	-	-	1	- 37
Pacific HOA	22	-	-	1	- 22
Paul G. Keller	13	-	-	-	- 13
Pelzer Hydro Co.	67,140	-	-	1,179	- 67,140
Phillip B. Caldwell	8	-	-	-	- 8
Pickins Mill Hydro LLC	5,629	-	-	88	- 5,629
Pippin Home Designs, Inc	10	-	-	-	- 10
PRS-PK Engines, LLC	327	-	-	7	- 327
Rousch & Yates Racing Engines, LLC	206	-	-	4	- 206
Salem Energy Systems	134,500	-	-	2,813	- 134,500
Shawn Stome	7	-	-	-	- 7
South Yadkin Power	7,597	-	-	116	- 7,597
Spray Cotton Mills	9,961	-	-	249	- 9,961
Steve Mason Ent., Inc.	3,873	-	-	96	- 3,873
Steven Graf	23	-	-	1	- 23
Strates Inc	19	-	-	-	- 19
T.S. Designs, Inc.	34	-	-	1	- 34
The Rocket Shop, LLC	8	-	-	-	- 8
Thomas Knox Worde	7	-	-	-	- 7
Town of Chapel Hill	18	-	-	-	- 18
Town of Lake Lure	12,047	-	-	296	- 12,047
W. Jefferson Holt	36	-	-	1	- 36
Walter C. McGervy	6	-	-	-	- 6
Yves Naar	24	-	-	1	- 24
Energy Imbalance	(65,673)	-	-	-	(59,973) (5,700)
	\$ 3,479,259	- \$ 690,195		33,852 \$ 1,673,375 \$	1,115,689
TOTAL PURCHASED POWER	\$ 13,861,004	621 \$ 3,931,026		263,349 \$ 5,852,162 \$	4,077,816
INTERCHANGES IN					
Other Catawba Joint Owners	6,153,992	-	-	640,474	2,883,912 3,270,080
Total Interchanges In	6,153,992	-	-	640,474	2,883,912 3,270,080
INTERCHANGES OUT					
Other Catawba Joint Owners	(5,904,681)	(866)	(121,221)	(610,281)	(2,746,264) (3,037,196)
Catawba- Net Negative Generation	-	-	-	-	- -
Total Interchanges Out	(5,904,681)	(866)	(121,221)	(610,281)	(2,746,264) (3,037,196)
Net Purchases and Interchange Power before PCL	14,110,315	(245)	3,809,805	293,542	5,989,810 4,310,700
Purchased Capacity Levelization	(1,627,807)	-	(1,627,807)	-	- -
Net Purchases and Interchange Power after PCL	12,482,708	(245)	2,182,198	293,542	5,989,810 4,310,700

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA FUEL FILING
FEBRUARY 2009

Schedule 3
SC, Sales, Month
Page 3 of 3

SALES	TOTAL CHARGES	CAPACITY		ENERGY		
		MW	\$	MWH	FUEL \$	NON-FUEL \$
Market Based:						
American Electric Power Services Corp.	\$ 6,000	-	\$ -	100	\$ 4,777	\$ 1,223
Cargill-Alliant, LLC	184,740	-	-	3,655	166,195	18,545
Cobb Electric Membership Corp	258,854	-	-	3,693	176,821	82,033
ConocoPhillips Company	39,780	-	-	266	19,258	20,522
MISO	(108,024)	-	-	(2,202)	8,584	(116,608)
Morgan Stanley	14,280	-	-	102	5,176	9,104
NCEMC	3,500	-	-	50	2,410	1,090
NCEMC (Generator/Instantaneous)	702,568	50	337,500	6,038	303,089	61,979
NCMPA #1	273,629	50	211,000	951	44,811	17,818
NCMPA #1 - Rockingham	157,500	50	157,500	-	-	-
Oglethorpe	47,270	-	-	975	42,573	4,697
PJM Interconnection LLC	3,358,031	-	-	71,947	3,281,068	76,963
Progress Energy Carolinas	279,430	-	-	3,895	184,495	94,935
SC Electric & Gas Market based	477,179	-	-	2,800	140,322	336,857
SC Public Service Authority	(150)	-	-	-	-	(150)
Southern	749,150	-	-	5,809	284,499	464,651
Tenaska Power Services Company	31,350	-	-	285	13,446	17,904
The Energy Authority	405,014	-	-	5,356	241,321	163,693
TransAlta Energy Marketing (U.S.) Inc.	11,250	-	-	250	10,312	938
TVA	37,005	-	-	637	30,847	6,158
VEPCO	1,000	-	-	25	992	8
Westar Energy, Inc.	10,326	-	-	197	8,664	1,662
Other:						
Generation Imbalance	11,697	-	-	834	27,048	(15,351)
BPM Transmission	(555,117)	-	-	-	-	(555,117)
	<u>\$ 6,396,262</u>	<u>150</u>	<u>\$ 706,000</u>	<u>105,663</u>	<u>\$ 4,996,708</u>	<u>\$ 693,554</u>

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
SC RETAIL COMPARISON OF FUEL REVENUES AND EXPENSES

Billing Period: October 2008 - September 2009
Current Month: February 2009

	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)
	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09
1 South Carolina sales (MWH)	1,584,631	1,592,476	1,769,078	1,694,883	1,741,562	1,692,459	1,677,945	1,676,762	1,895,012	2,004,877	2,133,615	2,058,954
2 Fuel costs (Cents per KWH)	2.1747	2.5021	1.7732	1.9496	1.6142	2.0261	1.9656	2.4352	2.3421	2.4528	2.4381	2.1968
3 Fuel base (Cents per KWH)	2.2472	2.2471	2.2482	2.2486	2.2482	2.2638	2.2626	2.2625	2.2634	2.2641	2.2641	2.2639
4 Fuel cost incurred	\$34,460,970	\$39,845,342	\$31,369,291	\$33,043,439	\$28,112,294	\$34,290,912	\$32,981,687	\$40,832,508	\$44,383,076	\$49,175,623	\$52,019,667	\$45,231,101
5 Fuel cost billed	\$35,609,828	\$35,784,528	\$39,772,412	\$38,111,139	\$39,153,797	\$38,313,887	\$37,965,184	\$37,936,740	\$42,891,702	\$45,392,420	\$48,307,177	\$46,612,660
6 Over (Under) recovery (Line 5 - line 4 x constant tax factor of 1.0044)	\$1,153,912	(\$4,078,681)	\$8,440,095	\$5,089,997	\$11,090,087	\$4,040,676	\$5,005,424	(\$2,908,509)	(\$1,497,936)	(\$3,799,849)	(\$3,728,825)	\$1,387,638
7 Over (Under) recovery -- prior balance	\$12,158,806	\$12,265,701	\$8,540,390	\$15,839,969	\$20,536,344	\$30,951,135	\$34,991,811	\$39,997,235	\$37,088,726	\$35,590,790	\$31,790,941	\$28,062,116
8 Prior month correction/adjustment	(\$1,047,017)	\$353,370	(\$1,140,516)	(\$393,622)	(\$675,296)							
9 Cumulative over (under)	\$12,265,701	\$8,540,390	\$15,839,969	\$20,536,344	\$30,951,135	\$34,991,811	\$39,997,235	\$37,088,726	\$35,590,790	\$31,790,941	\$28,062,116	\$29,449,754

DUKE ENERGY CAROLINAS
FUEL COST REPORT
February 2009

Line No.	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	Total
	Station	Belews Creek	Marshall	Allen	Riverbend	Cliffside	Dan River	Buck	Lee	Buzzard Roost	Lincoln	Mill Creek	Rockingham	Oconee	McGuire	Catawba	Current Month
	Cost of Fuel Purchased(\$)																
1	Coal	52,501,421	30,761,493	11,975,190	3,692,901	12,245,297	2,404,391	5,535,002	4,998,513	-	-	-	-	-	-	-	124,114,208
2	Oil (B)	198,947	155,359	154,258	145,761	73,626	-	73,137	155,830	-	-	-	-	-	-	-	956,918
3	Gas	-	-	-	1,089	-	350	372	77,802	-	4,700	-	323,904	-	-	-	408,217
4	Total	52,700,368	30,916,852	12,129,448	3,839,751	12,318,923	2,404,741	5,608,511	5,232,145	-	4,700	-	323,904	-	-	-	125,479,343
	Average Cost of Fuel as Purchased (CENTS/MBTU)																
5	Coal	397.27	305.59	403.18	302.87	316.74	279.16	408.84	357.81	-	-	-	-	-	-	-	355.16
6	Oil	1,004.96	968.19	956.40	973.17	996.12	-	969.49	987.50	-	-	-	-	-	-	-	979.79
7	Gas	-	-	-	INF.	-	INF.	INF.	1,018.22	-	INF.	-	540.31	-	-	-	603.53
8	Weighted Average	398.18	306.64	406.17	311.08	318.04	279.20	412.98	368.36	-	INF.	-	540.31	-	-	-	357.37
	Cost of Fuel Burned(\$)																
9	Coal (A) (E)	43,766,837	27,711,449	7,394,091	1,759,443	6,629,780	672,479	1,636,154	1,115,232	-	-	-	-	-	-	-	90,685,465
10	Oil (B)	286,502	233,966	204,492	173,886	119,168	57,529	106,795	80,188	-	63,267	-	327,762	-	-	-	1,653,555
11	Gas	-	-	-	1,089	-	350	372	77,802	-	4,700	-	323,904	-	-	-	408,217
12	Nuclear (F) (G)	-	-	-	-	-	-	-	-	-	-	-	-	8,326,917	6,947,465	7,092,079	22,366,481
13	Total	44,053,339	27,945,415	7,598,583	1,934,418	6,748,948	730,358	1,743,321	1,273,222	-	67,967	-	651,666	8,326,917	6,947,465	7,092,079	115,113,718
14	Less: Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,727,137
15	Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	109,386,581
	Average Cost of Fuel Burned (CENTS/MBTU)																
16	Coal	397.62	304.80	331.22	376.50	367.75	392.81	392.68	358.93	-	-	-	-	-	-	-	355.63
17	Oil	1,421.71	1,293.34	1,149.67	1,613.64	1,242.24	1,772.30	1,704.63	1,768.59	-	1,155.14	-	INF.	-	-	-	1,720.03
18	Gas	-	-	-	INF.	-	INF.	INF.	1,018.22	-	INF.	-	540.31	-	-	-	603.53
19	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	47.14	44.53	45.54	45.80
20	Weighted Average	399.49	306.76	337.69	404.57	372.37	418.68	412.20	394.32	-	1,240.95	-	1,083.17	47.14	44.53	45.54	154.51
	Average Cost of Fuel Burned (D) (CENTS/KWH Generated)																
21	Coal	3.64	2.85	3.17	4.06	3.60	4.40	4.29	4.24	-	-	-	-	-	-	-	3.34
22	Oil	INF.	INF.	INF.	INF.	INF.	(D)	(D)	INF.	(D)	(D)	(D)	INF.	-	-	-	(D)
23	Gas	-	-	-	(D)	-	INF.	INF.	11.61	-	-	-	4.86	-	-	-	5.65
24	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	0.47	0.45	0.45	0.46
25	Weighted Average	3.66	2.87	3.26	4.48	3.66	4.81	4.57	4.72	(D)	(D)	(D)	9.74	0.47	0.45	0.45	1.51
	MBTU's Burned																
26	Coal	11,007,200	9,091,682	2,232,362	467,319	1,802,818	171,197	416,664	310,713	-	-	-	-	-	-	-	25,499,955
27	Oil	20,152	18,090	17,787	10,776	9,593	3,246	6,265	4,534	-	5,477	-	215	-	-	-	96,135
28	Gas	-	-	-	49	-	-	-	7,641	-	-	-	59,948	-	-	-	67,638
29	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	17,664,957	15,601,195	15,572,747	48,838,899
30	Total	11,027,352	9,109,772	2,250,149	478,144	1,812,411	174,443	422,929	322,888	-	5,477	-	60,163	17,664,957	15,601,195	15,572,747	74,502,627
31	Less: Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,575,616
32	Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61,927,011
	Net Generation (MWH)																
33	Coal	1,203,644	973,081	233,236	43,308	184,342	15,293	38,135	26,290	-	-	-	24	-	-	-	2,717,329
34	Oil	-	-	-	-	-	(112)	(27)	-	(121)	(534)	(360)	-	-	-	-	(1,130)
35	Gas	-	-	-	(111)	-	-	-	670	-	-	-	6,670	-	-	-	7,229
36	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	1,763,540	1,556,691	1,567,048	4,887,279
37	Total	1,203,644	973,081	233,236	43,197	184,342	15,181	38,108	26,960	(121)	(534)	(360)	6,694	1,763,540	1,556,691	1,567,048	7,610,707
38	Less: Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,265,454
39	Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,345,253

NOTE(S): Detail amounts may not add to totals shown due to rounding.

(A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec08, which are reflected in cost of coal consumed and tons of coal consumed.

(B) Fuel oil costs at nuclear plants are excluded because it is not being used for energy production.

(C) These stations are steam generation only; therefore, gas is not applicable.

(D) CENTS/KWH not computed when net generation is negative.

(E) Cost of fuel burned excludes \$17,308 associated with emission allowance expense for the month.

(F) Cost of fuel burned excludes \$182,827 associated with canister accrual for the month.

(G) Cost of fuel burned excludes \$12,829 associated with canister design expense for the month.

DUKE ENERGY CAROLINAS
FOSSIL FUEL CONSUMPTION AND INVENTORY REPORT
February 2009

Line No.	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	Month
		(C)	(C)	(C)		(C)				Buzzard							Total
1	Location	Belews Creek	Marshall	Allen	Riverbend	Cliffside	Dan River	Buck	Lee	Roost	Lincoln	Mill Creek	Rockingham	Oconee	McGuire	Catawba	
Coal Data (A):																	
2	Tons received during period	539,371	401,165	122,297	48,743	156,658	37,416	57,537	55,724								1,418,911
3	Inventory adjustments	3,394	838	11,977	178	1,675	126	908	115								19,211
4	Tons burned during period	448,247	363,001	94,477	19,345	74,059	7,634	18,438	12,718								1,037,919
5	MBTU's burned per ton	24.56	25.05	23.63	24.16	24.34	22.43	22.60	24.43								24.57
Tons coal on hand:																	
6	Beginning balance	477,961	824,562	588,382	200,001	217,207	92,230	151,383	140,988								2,692,714
7	Ending balance	572,479	863,564	628,179	229,577	301,481	122,138	191,390	184,109								3,052,917
8	Cost of ending inventory (\$ per ton)	97.07	76.26	88.83	90.88	89.02	87.99	88.32	82.98								86.60
Oil Data (B):																	
9	Gallons received during period	143,596	115,941	115,895	108,382	53,575	-	54,259	114,475	-	-	-	-				706,123
10	Miscellaneous usage, transfers and adjustments	(8,488)	(11,602)	(8,236)	(2,083)	-	(7,874)	(12,701)	(7,184)	-	-	-	13,527				(44,641)
11	Gallons burned during period	146,174	130,707	127,808	77,976	69,534	23,481	45,061	32,891	-	39,542	-	153,596				846,770
Gallons oil on hand:																	
12	Beginning balance	251,600	278,522	199,351	271,849	62,415	349,140	593,940	542,677	1,536,309	8,928,962	3,952,014	2,483,507				19,450,286
13	Ending balance	240,534	252,154	179,202	300,172	46,456	317,785	590,437	617,077	1,536,309	8,889,420	3,952,014	2,343,438				19,264,998
14	Cost of ending inventory (\$ per gallon)	1.96	1.80	1.60	2.23	1.71	2.46	2.37	2.30	0.79	1.60	1.25	2.34				1.63
Gas Data (D):																	
15	MCF received during period				47		-	-	7,411	-	-	-	57,643				65,101
16	MCF burned during period				47		-	-	7,411	-	-	-	57,643				65,101
MCF gas on hand:																	
17	Beginning balance																
18	Ending balance																
19	Cost of ending inventory (\$ per MCF)																

NOTE(S): Detail amounts may not add to totals shown due to rounding.

(A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec08, which are reflected in cost of coal consumed and tons of coal consumed.

(B) Fuel oil costs at nuclear plants are excluded because it is not being used for energy production.

Receipts and usage (Lines 9, 10) include nuclear fuel oil for twelve months ended through March 2009.

(C) These stations are steam generation only; therefore, gas is not applicable.

(D) Gas is burned as received; therefore, inventory balances are not maintained.

SCHEDULE 7

**DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
February 2009**

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	-	\$ 182,037.96	\$ -
	CONTRACT	122,297	11,041,840.28	90.29
	ADJUSTMENTS	-	751,311.58	-
	TOTAL	<u>122,297</u>	<u>11,975,189.82</u>	<u>97.92</u>
BELEWS CREEK	SPOT	11,491	1,146,930.68	99.81
	CONTRACT	527,879	49,689,782.29	94.13
	ADJUSTMENTS	-	1,664,707.75	-
	TOTAL	<u>539,371</u>	<u>52,501,420.72</u>	<u>97.34</u>
BUCK	SPOT	-	-	-
	CONTRACT	57,538	5,486,750.98	95.36
	ADJUSTMENTS	-	48,251.11	-
	TOTAL	<u>57,538</u>	<u>5,535,002.09</u>	<u>96.20</u>
CLIFFSIDE	SPOT	32,440	2,650,484.29	81.70
	CONTRACT	124,218	9,429,331.03	75.91
	ADJUSTMENTS	-	165,481.42	-
	TOTAL	<u>156,658</u>	<u>12,245,296.74</u>	<u>78.17</u>
DAN RIVER	SPOT	-	-	-
	CONTRACT	37,416	2,339,982.31	62.54
	ADJUSTMENTS	-	64,408.26	-
	TOTAL	<u>37,416</u>	<u>2,404,390.57</u>	<u>64.26</u>
LEE	SPOT	-	9,707.02	-
	CONTRACT	55,724	4,918,774.04	88.27
	ADJUSTMENTS	-	70,032.00	-
	TOTAL	<u>55,724</u>	<u>4,998,513.06</u>	<u>89.70</u>
MARSHALL	SPOT	12,396	963,618.62	77.74
	CONTRACT	388,769	29,083,615.63	74.81
	ADJUSTMENTS	-	714,258.73	-
	TOTAL	<u>401,165</u>	<u>30,761,492.98</u>	<u>76.68</u>
RIVERBEND	SPOT	-	(28,756.31)	-
	CONTRACT	48,743	3,690,099.37	75.70
	ADJUSTMENTS	-	31,558.50	-
	TOTAL	<u>48,743</u>	<u>3,692,901.56</u>	<u>75.76</u>
ALL PLANTS	SPOT	56,328	4,924,022.26	87.42
	CONTRACT	1,362,583	115,680,175.93	84.90
	ADJUSTMENTS	-	3,510,009.35	-
	TOTAL	<u>1,418,911</u>	<u>\$ 124,114,207.54</u>	<u>\$ 87.47</u>

SCHEDULE 8

**Duke Energy Carolinas
Analysis of Quality of Coal Received
February 2009**

Station	<u>Percent Moisture</u>	<u>Percent Ash</u>	<u>Heat Value</u>	<u>Percent Sulfur</u>
Allen	6.88	12.16	12,143	0.82
Belews Creek	6.89	11.27	12,251	1.06
Buck	6.71	14.75	11,736	0.68
Cliffside	6.74	11.30	12,339	0.95
Dan River	5.78	18.06	11,510	0.94
Lee	6.77	11.04	12,535	1.13
Marshall	6.57	10.75	12,546	1.52
Riverbend	5.55	10.75	12,507	1.02

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
February 2009

Station	Allen	Belews Creek	Buck	Cliffside 1-4	Cliffside 5	Lee	Marshall	Riverbend
Vendor	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0.02	0	0.04	0	0	0.02	0.02	0.03
Gallons Received	115,895	143,596	54,259	15,067	38,508	114,475	115,941	108,382
Total Delivered Cost	\$ 154,257.87	\$ 198,947.03	\$ 73,137.24	\$ 21,402.18	\$ 52,224.15	\$ 155,829.49	\$ 155,358.47	\$ 145,761.40
Delivered Cost/Gal	\$ 1.3310	\$ 1.3855	\$ 1.3479	\$ 1.4205	\$ 1.3562	\$ 1.3613	\$ 1.3400	\$ 1.3449
Delivered Cost/MBTU	\$ 9.5639	\$ 10.0493	\$ 9.6954	\$ 10.2930	\$ 9.8319	\$ 9.8755	\$ 9.6817	\$ 9.7317
BTU/Gallon	139,170	137,866	139,027	138,003	137,937	137,841	138,403	138,197

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

March,2008 - February,2009

<u>Plant Name</u>	<u>Generation MWH</u>	<u>Capacity Rating MW</u>	<u>Capacity Factor %</u>	<u>Net Equivalent Availability %</u>
Oconee	20,129,492	2,538	90.54	88.75
McGuire	17,019,935	2,200	88.31	85.18
Catawba	18,915,678	2,258	95.63	93.08

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
March 2008 through February 2009

Fossil Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	9,135,189	1,125	92.73	97.89
Belews Creek 2	7,578,863	1,125	76.93	83.74

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
March 2008 through February 2009

Fossil Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	3,654,145	562	74.22	90.98
Marshall 1	2,545,310	380	76.46	92.06
Marshall 2	2,015,292	380	60.54	77.61
Marshall 3	3,701,635	658	64.22	70.08
Marshall 4	4,414,104	660	76.35	84.37

**Duke Energy Carolinas
Power Plant Performance Data**

Schedule 10

Page 4 of 6

**Twelve Month Summary
March 2008 through February 2009**

Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	752,584	165	52.07	84.04
Allen 2	796,187	165	55.08	92.86
Allen 3	1,326,319	265	57.13	86.54
Allen 4	1,526,067	280	62.22	88.32
Allen 5	1,496,997	270	63.29	88.40
Buck 3	108,125	75	16.46	90.09
Buck 4	73,340	38	22.03	94.53
Buck 5	421,791	128	37.62	76.23
Buck 6	563,857	128	50.29	82.69
Cliffside 1	58,644	38	17.62	82.91
Cliffside 2	41,030	38	12.33	74.85
Cliffside 3	136,376	61	25.52	85.42
Cliffside 4	143,653	61	26.88	90.57
Dan River 1	153,782	67	26.20	93.66
Dan River 2	161,156	67	27.46	92.83
Dan River 3	558,472	142	44.90	89.79
Lee 1	310,655	100	35.46	88.39
Lee 2	379,434	100	43.31	97.24
Lee 3	381,613	170	25.63	59.33
Riverbend 4	329,342	94	40.00	93.19
Riverbend 5	329,812	94	40.05	92.98
Riverbend 6	523,234	133	44.91	87.95
Riverbend 7	532,217	133	45.68	89.78

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary

Schedule 10

Page 5 of 6

March,2008 through February,2009

Fossil Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-226	93	89.96
Buzzard Roost CT	-947	196	98.94
Dan River CT	-234	85	94.27
Lee CT	21,768	82	98.37
Lincoln CT	53,795	1,264	94.25
Mill Creek CT	32,418	592	95.95
Riverbend CT	-1,001	120	95.80
Rockingham CT	181,340	825	95.45

Duke Energy Carolinas

Schedule 10

Power Plant Performance

Page 6 of 6

12 Months Ended FEBRUARY 2009

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	31,879	23.000	95.26
Buzzard Roost	-	-	100.00
Cedar Creek	84,927	45.000	94.25
Cowans Ford	74,062	325.000	95.19
Dearborn	99,597	42.000	90.15
Fishing Creek	82,985	49.000	92.31
Gaston Shoals	10,596	4.600	71.48
Great Falls	401	24.000	44.50
Keowee	21,572	157.500	98.20
Lookout Shoals	51,944	27.000	96.28
Mountain Island	53,332	62.000	96.78
Ninety Nine Island	34,124	18.000	64.02
Oxford	59,818	40.000	97.72
Rhodhiss	37,069	30.500	97.22
Rocky Creek	436	28.000	30.53
Tuxedo	10,431	6.400	72.95
Wateree	126,584	85.000	91.72
Wylie	75,732	72.000	96.71
Nantahala	175,010	50.000	76.02
Queens Creek	2,338	1.440	98.33
Thorpe	56,867	19.700	98.35
Tuckasegee	5,073	2.500	98.35
Tennessee Creek	28,329	9.800	93.05
Bear Creek	20,059	9.450	94.63
Cedar Cliff	14,410	6.380	94.63
Mission	1,927	1.800	94.19
Franklin	(8)	1.040	91.92
Bryson	619	1.040	58.03
Dillsboro	-	0.230	50.00
Total Conventional	<u>1,160,112</u>		
Pumped Storage Plants			
Jocassee	1,077,454	730.000	96.96
Bad Creek	<u>2,437,003</u>	1,360.000	94.42
Total	<u>3,514,457</u>		
Less Energy for Pumping			
Jocassee	(1,399,315)		
Bad Creek	<u>(3,079,099)</u>		
Total	<u>(4,478,414)</u>		
Total Pumped Storage			
Jocassee	(321,861)		
Bad Creek	<u>(642,096)</u>		
Total	<u>(963,957)</u>		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: February, 2009

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	None					
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	None					

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
Page 2 of 16

February 2009

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	1/30/2009 12:47:00 PM To 2/1/2009 7:47:00 AM	Unsch	1080 ECONOMIZER LEAKS	boiler tube leak,economizer	

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	2/9/2009 5:50:00 AM To 2/9/2009 6:00:00 PM	Unsch	3350 CONDENSATE POLISHING AND FILTERING SYSTEMS	polishers,drain line opened on polishers tripping condensate	

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	2/9/2009 6:00:00 PM To 2/12/2009 1:22:00 PM	Unsch	0640 STARTUP BYPASS SYSTEM VALVES	201 st-up valve	

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	2/20/2009 2:28:00 PM To 2/22/2009 4:55:00 AM	Unsch	1080 ECONOMIZER LEAKS	boiler tubes leaks,econ and reheat	

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	2/27/2009 6:39:00 PM To	Sch	8812 SCR CATALYST	planned maintence outtage	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
February, 2009
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	672		672		672	
(C1) Net Gen (MWH) and Capacity Factor	582232	102.41	592179	104.16	589129	103.63
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00	306	0.05
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-13720	-2.41	-23667	-4.16	-20923	-3.68
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	568512	100.00 %	568512	100.00 %	568512	100.00 %
(I) Equivalent Availability		100.00		100.00		99.95
(J) Output Factor		102.41		104.16		103.63
(K) Heat Rate		10,113		9,947		9,991

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
February, 2009
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	672		672	
(C1) Net Gen (MWH) and Capacity Factor	776066	104.99	780625	105.60
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-36866	-4.99	-41425	-5.60
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	739200	100.00 %	739200	100.00 %
(I) Equivalent Availability		99.79		100.00
(J) Output Factor		104.99		105.60
(K) Heat Rate		10,032		10,012

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
February, 2009
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	672		672	
(C1) Net Gen (MWH) and Capacity Factor	784164	103.36	782884	103.19
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	527	0.07
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-25476	-3.36	-24723	-3.26
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	758688	100.00 %	758688	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		103.36		103.19
(K) Heat Rate		9,958		9,917

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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February 2009

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	672	672
(C1) Net Generation (mWh)	704,121	499,523
(C1) Capacity Factor	94.40	66.97
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	32,579
(D1) Scheduled Outages: percent of Period Hrs	0.00	4.37
(D2) Net mWh Not Generated due to Partial Scheduled Outages	8,032	0
(D2) Scheduled Derates: percent of Period Hrs	1.08	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	0	139,601
(E1) Forced Outages: percent of Period Hrs	0.00	18.72
(E2) Net mWh Not Generated due to Partial Forced Outages	0	0
(E2) Forced Derates: percent of Period Hrs	0.00	0.00
(F) Net mWh Not Generated due to Economic Dispatch	33,767	74,217
(F) Economic Dispatch: percent of Period Hrs	4.53	9.95
(G) Net mWh Possible in Period	745,920	745,920
(H) Equivalent Availability	98.92	76.92
(I) Output Factor (%)	94.40	87.06
(J) Heat Rate (BTU/NkWh)	9,219	9,081

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
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**February 2009
Marshall Steam Station**

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	672	672	672	672
(C1) Net Generation (mWh)	152,499	150,756	296,166	373,660
(D) Net mWh Possible in Period	255,360	255,360	442,176	443,520
(E) Equivalent Availability	94.04	91.71	72.26	99.96
(F) Output Factor (%)	73.70	72.76	92.52	84.25
(G) Capacity Factor	59.72	59.04	66.98	84.25

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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**February 2009
Cliffside Steam Station**

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	672
(C1) Net Generation (mWh)	176,176
(D) Net mWh Possible in Period	377,664
(E) Equivalent Availability	94.20
(F) Output Factor (%)	79.40
(G) Capacity Factor	46.65

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
March, 2008 - February, 2009
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	6198863	83.64	6377034	86.05	7553595	101.92
(D1) Net MWH Not Gen Due To Full Scheduled Outages	573563	7.74	873115	11.78	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	27127	0.37	20302	0.27	1018	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	458075	6.18	237133	3.20	56597	0.76
* (E2) Net MWH Not Gen Due To Partial Forced Outages	153332	2.07	-96624	-1.30	-200250	-2.69
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		82.88		84.25		99.13
(J) Output Factor		97.17		101.21		102.71
(K) Heat Rate		10,223		10,181		10,075

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
March, 2008 - February, 2009
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8332156	86.47	8687779	90.16
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897600	9.32	1128468	11.71
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	36740	0.38	39148	0.41
(E1) Net MWH Not Gen Due To Full Forced Outages	611270	6.34	117194	1.22
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-241766	-2.51	-336589	-3.50
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		83.69		86.67
(J) Output Factor		102.52		103.55
(K) Heat Rate		10,235		10,165

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
March, 2008 - February, 2009
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8746640	88.44	10169038	102.82
(D1) Net MWH Not Gen Due To Full Scheduled Outages	1221860	12.35	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	46700	0.47	1762	0.02
(E1) Net MWH Not Gen Due To Full Forced Outages	103100	1.04	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-228260	-2.30	-280760	-2.84
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		86.17		99.99
(J) Output Factor		102.12		102.82
(K) Heat Rate		10,034		10,003

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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March 2008 through February 2009

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,125	1,125
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	9,135,189	7,578,863
(C1) Capacity Factor	92.73	76.93
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	791,257
(D1) Scheduled Outages: percent of Period Hrs	0.00	8.03
(D2) Net mWh Not Generated due to Partial Scheduled Outages	46,577	20,573
(D2) Scheduled Derates: percent of Period Hrs	0.47	0.21
(E1) Net mWh Not Generated due to Full Forced Outages	101,062	751,073
(E1) Forced Outages: percent of Period Hrs	1.03	7.62
(E2) Net mWh Not Generated due to Partial Forced Outages	51,563	38,487
(E2) Forced Derates: percent of Period Hrs	0.52	0.39
(F) Net mWh Not Generated due to Economic Dispatch	516,959	671,097
(F) Economic Dispatch: percent of Period Hrs	5.25	6.81
(G) Net mWh Possible in Period	9,851,975	9,851,975
(H) Equivalent Availability	97.89	83.74
(I) Output Factor (%)	93.69	91.21
(J) Heat Rate (BTU/NkWh)	9,243	9,191

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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March 2008 through February 2009

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	659	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	2,545,310	2,015,292	3,701,635	4,414,104
(D) Net mWh Possible in Period	3,332,520	3,332,520	5,773,008	5,789,040
(E) Equivalent Availability	92.06	77.61	70.08	84.37
(F) Output Factor (%)	85.52	80.54	91.01	90.06
(G) Capacity Factor	76.46	60.54	64.22	76.35

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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March 2008 through February 2009

Cliffside Steam Station

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	8,760
(C1) Net Generation (mWh)	3,654,145
(D) Net mWh Possible in Period	4,923,120
(E) Equivalent Availability	90.98
(F) Output Factor (%)	85.70
(G) Capacity Factor	74.22

DUKE ENERGY CAROLINAS

Outages for 100MW or Larger Units

February, 2009

Full Outage Hours					
	<u>Unit</u>	<u>MW</u>	<u>Scheduled</u>	<u>Unscheduled</u>	<u>Total</u>
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas**Outages for 100 mW or Larger Units****February 2009**Exhibit B
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Unit Name	Capacity Rating (mW)	Full Outage Hours		Total Outage Hours
		Scheduled	Unscheduled	
Allen 1	165	623.43	0.00	623.43
Allen 2	165	233.90	0.00	233.90
Allen 3	265	0.00	161.98	161.98
Allen 4	280	0.00	0.00	0.00
Allen 5	270	75.50	4.33	79.83
Belews Creek 1	1,110	0.00	0.00	0.00
Belews Creek 2	1,110	29.35	125.77	155.12
Buck 5	128	3.50	0.00	3.50
Buck 6	128	49.55	0.00	49.55
Cliffside 5	562	39.00	0.00	39.00
Dan River 3	142	0.00	0.00	0.00
Lee 1	100	13.25	0.00	13.25
Lee 2	100	0.00	0.00	0.00
Lee 3	170	0.00	0.00	0.00
Marshall 1	380	14.52	25.52	40.03
Marshall 2	380	0.00	51.60	51.60
Marshall 3	658	95.47	90.03	185.50
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	109.00	47.00	156.00
Riverbend 7	133	38.00	0.00	38.00
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	0.00	0.65	0.65
Rockingham CT3	165	4.72	0.00	4.72
Rockingham CT4	165	6.60	0.00	6.60
Rockingham CT5	165	0.00	0.00	0.00